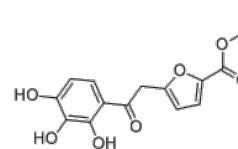


Product Name : MMG-11
Cat. No. : PC-38134
CAS No. : 313254-94-3
Molecular Formula : C₁₅H₁₄O₇
Molecular Weight : 306.27
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

MMG-11 (MMG11) is a potent and selective **TLR2** antagonist with pA₂ values of 5.73 and 6.15 (TLR2/1), preferentially inhibits TLR2/1 signaling.

MMG-11 preferentially inhibited TLR2/1 signaling in promoter cells stably expressing TLR2 heterodimers and mouse macrophages.

MMG-11 blocked ligand-induced interaction of TLR2 with MyD88 and reduced MAP kinase and NF-κB activation.

References

Grabowski M, et al. *Biochem Pharmacol.* 2018 Aug;154:148-160.

Grabowski M, et al. *Biochem Pharmacol.* 2020 Jan;171:113687.

Bermudez M, et al. *ChemMedChem.* 2020 Jul 20;15(14):1364-1371.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com